

Application No. 10/692,180

Amendment After Final under 37 C.F.R. 1.116 dated January 31, 2005

Reply to Office Action mailed November 30, 2004

Amendments to the Specification:

Please replace the paragraph beginning at page 9, line 4, with the following rewritten paragraph:

In another form thereof, the present invention is directed to a method of conveying and vacuuming fibrous insulation material including the steps of providing an air flow stream ~~upstream~~ downstream of a blower and an air vacuum stream ~~downstream~~ upstream of the blower, selectively introducing fibrous insulation material into the air flow stream thereby conveying the material for application as insulation, vacuuming fibrous insulation material with the air vacuum stream, and separating the vacuumed material from the air vacuum stream prior to the air vacuum stream entering the blower.

Please replace the paragraph beginning at page 14, line 11, with the following rewritten paragraph:

A high pressure opening 90 is provided ~~downstream~~ upstream of the metering orifice 84 at a distance of about D from metering orifice 84, and a low pressure opening 92 is provided ~~upstream~~ downstream of the metering orifice 84 at a distance of about $\frac{1}{2}$ D from the metering orifice 84. As best seen in Figure 2, high pressure opening 90 is connected through pulsation or dampening chamber 94 to the differential pressure transducer 96, and low pressure opening 92 is also connected to the differential pressure transducer through the pulsation or dampening chamber 98. Chambers 94 and 98 dampen any pressure surges that may be provided in the duct 58. Differential pressure transducer 96 thus compares the pressure signals received from chambers 94 and 98 and provides an electronic signal to the PLC 82 through electronic lines 100 representative of the air flow velocity through duct 58. A high pressure transducer 102 is also provided and is connected to the high pressure pulsation or dampening chamber 94 and provides an electronic signal to PLC 82 through the electronic lines 104 representative of the pressure in duct 58 at the high pressure opening 90.

Please replace the paragraph beginning at page 15, line 2, with the following rewritten paragraph:

Between blower 52 and feeder 60 and ~~downstream~~ upstream of the velocity sensor 66, there is provided an air valve 106 connected between the air duct 58 and the atmosphere. Air

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valve 106 is automatically controlled with a motor or actuator 108 which in turn is connected and controlled by PLC 82 through electronic lines 110. Accordingly, air valve 106 is selectively opened and closed and is selectively automatically controlled for allowing a desired rate of air flow therethrough to exit to the atmosphere and so as to thereby selectively decrease and thus adjust and control the air flow traveling through the duct 58 and velocity sensor 66 and to the feeder 60.